## PATENT APPLICATION

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

# ATTORNEY DOCKET NO. MSFT-0307

As a below named inventor, I hereby declare that:

My residence/post office

I believe I am the evicin	e address a	nd citizenship are	as stated l	pelow next to	my name;	
plural names are listed	al, first and	l sole inventor (if	only one r	name is listed	below) or an origin	nal, first and joint inventor (if
RASTERIZATION PIPE	<u> </u>	ODS FOR PRO	<u>VIDING</u> I	<u> HISTOGRAM</u>	COMPUTATION	t is sought on the invention IN A HIGH PRECISION
the specification of which	n is attached	d hereto unless th	e following	g box is check	æd:	
() was med on		as US App	lication Ser	rial No. or PC	T Intornational A.	lication
number		and was amo	ndod on		/·	
Thereby butte that I have	i i eviewed a	ana unaerstood t	ne content	of the above	idontified an action	tion, including the claims, as
and the state of t	Tricitio, Ici	erreu to above.	I acknowle	edge the duty	to disclose all info	ition, including the claims, as rmation which is material to
patentability as defined i	n 37 CFR 1.	.56.		_		in the state of th
Foreign August (* 7)	<b>.</b>					
Foreign Application(s) and/or	Claim of Fore	eign Priority				
below and have also identified	benefits unde	r Title 35, United Stat	es Code Secti	on 119 of any for	reign application(s) for pa	atent or inventor(s) certificate listed
which priority is claimed:	d below any	toreign application to	or patent or i	nventor(s) certif	icate having a filing dat	atent or inventor(s) certificate listed te before that of the application on
COUNTRY		TION NUMBER			T	
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Provisional Application			· · · · · · · · · · · · · · · · · · ·		YES	3: NO:
I hereby claim the benefit unde	r Title 35, Uni	ted States Code Section	nn 119/e) of a	ny United States		
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U.S. Priority Claim						
I hereby claim the benefit under	r Title 35. Uni	ited States Code, Sect	ion 120 of an	rr Timita il Ciala	1: 4: () 1: 4: 4: 4:	
of each of the claims of this ap	plication is n	ot disclosed in the pr	rior United Si	y Offited States a	ipplication(s) listed below	w and, insofar as the subject matter 1 by the first paragraph of Title 35,
Which occurred between the file	, I acknowled;	ge the duty to disclos	e material inf	ormation as defi	ned in Title 37, Code of I	I by the first paragraph of Title 35, Federal Regulations, Section 1.56(a)
which occurred between the fili	ing date of the	prior application and	the national	or PCT internat	ional filing date of this a <sub>l</sub>	pplication:
APPLICATION SERIAL N	APPLICATION SERIAL NUMBER		FILING DATE		CTT A TYPE OF	
	101/12/11	TILING	JAIE		STATUS(patented/pe	ending/abandoned)
Series .						
Applic:						
POWER OF ATTORNEY:						
As a named inventor, I hereby	appoint the fo	ollowing attorney(s) a	nd/or agent(	s) listed below t	o prosecute this applicate	ion and transact all business in the
Patent and Trademark Office co	nnected there	with.			1	to the database an business in the
Katie E. Sako, Reg. No. 326	20 D :	10.0				
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Direct Telephone Calls To: Thomas E. Watson Thomas E. Watson WOODCOCK WASHBURN KURTZ (206) 332-1380 MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor Philadelphia PA 19103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: <u>United States of America</u>

Residence: Seattle, Washington

Post Office Address: 1612 - 34th Avenue, Seattle, WA 98122

Inventor's Signature

17 Sep 2001

		DAT	ENT ADDI	ICATION		
DECLARATION AND PO			ENT APPL		TORNEY DOCKET N	O. <u>MSFT-0307</u>
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						d, first and joint inventor (if
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() was filed on	15 attached	as US Appl	ication Seria	al No. or PC	г Г International Appl	ication
Number		and was amer	ided on		(if applicable).	
I hereby state that I have	reviewed ar	d understood th	ne contents	of the above	-identified specificat	ion, including the claims, as
amended by any amendr	nent(s) refe	red to above.	acknowled	lge the duty	to disclose all infor	mation which is material to
patentability as defined in				0 3		
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Foreign Application(s) and/or (	Claim of Foreig	zn Priority				
hereby claim foreign priority b	enefits under '	Title 35, United Stat	es Code Sectio	n 119 of any foi	reign application(s) for pa	tent or inventor(s) certificate listed
	l below any fo	reign application fo	or patent or in	ventor(s) certif	icate having a filing date	e before that of the application on
which priority is claimed:						
COUNTRY	APPLICAT	ION NUMBER	DATE	FILED	PRIORITY CLAIN	MED UNDER 35 U.S.C. 119
					YES	: NO:
Particular -					YES	: NO:
Provisional Application						X11. 11.1
Hereby claim the benefit under	r Title 35, Unite	ed States Code Section	on 119(e) of an	y United States	provisional application(s	i) listed below:
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of each of the claims of this ar	onlication is no	ot disclosed in the p	rior United St	ates application	n in the manner provided	d by the first paragraph of Title 35.
United States Code Section 112	. I acknowledg	e the duty to disclos	se material info	ormation as def	ined in Title 37, Code of 1	Federal Regulations, Section 1.56(a)
which occurred between the fil	ing date of the	prior application ar	a me nationai	or PC1 Interna	nonai illing date of this a	pphcauon:
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POWER OF ATTORNEY:		•• • • • • • • • • • • • • • • • • • • •	17	/ \ 1° . 11 1	4	tion and torong to 11 leadings in the
As a named inventor, I hereby Patent and Trademark Office c	appoint the to	ollowing attorney(s)	and/or agent	(s) listed below	to prosecute this applica	tion and transact all business in the
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Katie E. Sako, Reg. No. 32	628 Dani	el D. Crouse, Reg. 1	No. 32022			
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Send Correspondence to:	SV. S. C. State of the Control of th		esa carantasa C		Direct Telephone	Calls To
Thomas E. Watson WOODCOCK WASHB MACKIEWICZ & NOI One Liberty Place - 46th					Direct Telephone	
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MACKIEWICZ & NOF	RIS LLP					
One Liberty Place - 46th Philadelphia PA 19103	Floor		Salarano e e e en la color de			
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: United States of America

Residence: Seattle, Washington

Post Office Address: 1612 - 34th Avenue, Seattle, WA 98122

Inventor's Signature

Date

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Nicolas Wilt

Serial No.: Not yet assigned Group Art Unit: Not yet assigned

Filed: Herewith Examiner: Not yet assigned

For: SYSTEM AND METHODS FOR PROVIDING HISTOGRAM COMPUTATION IN A HIGH

PRECISION RASTERIZATION DATA PIPELINE

Commissioner for Patents Washington DC 20231

Sir:

#### ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Terence P. Strobaugh	Registration No. 25,460
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John W. Caldwell	Registration No. 28,937	Michael J. Bonella	Registration No. 41,628
Gary H. Levin	Registration No. 28,734	Harold H. Fullmer	Registration No. 42,560
Steven J. Rocci	Registration No. 30,489	John E. McGlynn	Registration No. 42,863
Dianne B. Elderkin	Registration No. 28,598	Jonathan M. Waldman	Registration No. 40,861
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Henrik D. Parker	Registration No. 31,863	Chad Ziegler	Registration No. 44,273
Suzanne E. Miller	Registration No. 32,279	Gwilym J.O. Attwell	Registration No. 45,449
Lynn B. Morreale	Registration No. 32,842	David N. Farsiou	Registration No. 44,104
Mark DeLuca	Registration No. 33,229	Steven H. Meyer	Registration No. 37,189
Joseph Lucci	Registration No. 33,307	Paul B. Milcetic	Registration No. 46,261
Michael P. Dunnam	Registration No. 32,611	Joseph R. Condo	Registration No. 42,431
Michael D. Stein	Registration No. 34,734	Michael K. Jones	Registration No. 41,100
Albert J. Marcellino	Registration No. 34,664	Frank T. Carroll	Registration No. 42,392
David R. Bailey	Registration No. 35,057	Mark J. Rosen	Registration No. 39,822
Doreen Yatko Trujillo	Registration No. 35,719	Mitchell R. Brustein	Registration No. 38,394
Barbara L. Mullin	Registration No. 38,250	Eric H. Vance	Registration No. 47,151
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Anthony J. Rossi	Registration No. 24,053	Vincent J. Roccia	Registration No. 43,887
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Gregory L. Hillyer	Registration No. 44,154	Emma R. Dailey	Registration No. P48,491
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David L. Marcus	Registration No. 46,897	Jane Smith Inglese	Registration No. P48,444

- 2 -

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date:

Christine A. Goddard

September 21, 2001

Registration No. 46,731

**DOCKET NO. MSFT-0307/15057.1** 

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**PATENT**